

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Ash Slough | Right | 2.37 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|----------------------------------|--------------|------------------------|------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 41 |
| LM End | | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | | End |
| Item | Operations & Maintenance Manuals | | | ° | |
| | | | | ° | |
| DWR ID | DWR_NA0011_01_s _ 2012_41 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Madera County has a copy of the O&M Manual on hand. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------|--------------|------------------------|------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 43 |
| LM End | | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | | End |
| Item | Emergency Supplies & Equipment | | | ° | |
| | | | | ° | |
| DWR ID | DWR_NA0011_01_s _ 2012_43 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Madera County has emergency supplies. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|------------------------|------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 44 |
| LM End | | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | | End |
| Item | Flood Preparedness & Training | | | ° | |
| | | | | ° | |
| DWR ID | DWR_NA0011_01_s _ 2012_44 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Madera County Flood Control has an ongoing training program. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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| Unit No. 01 Ash Slough | Right | 2.37 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 35 |
| LM End | 0.24 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.046507 ° | 37.047545 ° |
| | | | | -120.427762 ° | -120.423650 ° |
| DWR ID | DWR_NA0011_01_f_2014_35 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 34 |
| LM End | 2.18 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.046507 ° | 37.066035 ° |
| | | | | -120.427762 ° | -120.399910 ° |
| DWR ID | DWR_NA0011_01_f_2014_34 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Control the wild growth on the waterside of the levee slope. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.02 | Rating ** | M | Issue No. | 21 |
| LM End | 0.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.046638 ° | 37.046723 ° |
| | | | | -120.427257 ° | -120.426957 ° |
| DWR ID | DWR_NA0011_01_s_2014_21 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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|------------------------|-------|------------|--------------------------|-----------------|
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| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.03 | Rating ** | U | Issue No. | 20 |
| LM End | 0.04 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.046624 ° | 37.046682 ° |
| | | | | -120.427317 ° | -120.427108 ° |
| DWR ID | DWR_NA0011_01_s _ 2014_20 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. Inspector Comments: This is not a new erosion site, it should be repaired before the condition get any worse. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_142_20_20141008_00007.jpg



The landside levee slope and toe has some damage noted during this inspection. Photo taken 4-29-2014. No new photo was taken during this Fall inspection.

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.03 | Rating ** | M | Issue No. | 19 |
| LM End | 0.74 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.046624 ° | 37.052790 ° |
| | | | | -120.427318 ° | -120.417677 ° |
| DWR ID | DWR_NA0011_01_s _ 2014_19 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.05 | Rating ** | M | Issue No. | 22 |
| LM End | 0.86 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.046723 ° | 37.054221 ° |
| | | | | -120.426957 ° | -120.417131 ° |
| DWR ID | DWR_NA0011_01_s _ 2014_22 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.10 | Rating ** | M | Issue No. | 951 |
| LM End | 0.14 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.045658 ° | 37.045948 ° |
| | | | | -120.426818 ° | -120.425513 ° |
| DWR ID | DWR_NA0011_01_s_2012_951 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District need to place bait stations to control the rodents. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.12 | Rating ** | M | Issue No. | 23 |
| LM End | 0.73 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.046994 ° | 37.052529 ° |
| | | | | -120.425776 ° | -120.417800 ° |
| DWR ID | DWR_NA0011_01_s_2014_23 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.24 | Rating ** | U | Issue No. | 37 |
| LM End | 1.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047545 ° | 37.057083 ° |
| | | | | -120.423650 ° | -120.411367 ° |
| DWR ID | DWR_NA0011_01_f_2014_37 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the tall weeds from the levee section. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_142_37_20141124_00020.jpg



Tall weeds on levee shoulder and slope from 0.24 to 1.26.

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CR : Crown

**** Rating**
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+ Issue Type
Ma : Maintenance Deficiency
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| Unit No. 01 Ash Slough | Right | 2.37 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.27 | Rating ** | U | Issue No. | 24 |
| LM End | 0.88 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047754 ° | 37.054506 ° |
| | | | | -120.423295 ° | -120.417041 ° |
| DWR ID | DWR_NA0011_01_s_2014_24 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. Inspector Comments: The levee crown roadway should be free from any vegetation. | | | | | |

Photo 1 of 2 : FA_2014_NA0011_142_24_20141008_00008.jpg



The levee crown roadway is overgrown with weeds. Photo taken 4-29-2014.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.27 | Rating ** | U | Issue No. | 24 (cont) |
| LM End | 0.88 | Issue Type + | Ma | Location * | CR |

Photo 2 of 2 : FA_2014_NA0011_142_24_20141124_00017.jpg



| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.28 | Rating ** | M | Issue No. | 6 |
| LM End | 0.30 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.047812 ° | 37.047963 ° |
| | | | | -120.423155 ° | -120.422898 ° |
| DWR ID | DWR_NA0011_01_s_2012_6 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |
| Inspector Comments: Noted on the last two inspections. | | | | | |

No Photos

| | | | |
|--|--|---|---|
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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Ash Slough | Right | 2.37 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.32 | Rating ** | M | Issue No. | 8 |
| LM End | 0.34 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.048223 ° | 37.048467 ° |
| | | | | -120.422642 ° | -120.422315 ° |
| DWR ID | DWR_NA0011_01_s _ 2012_8 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |
| Inspector Comments: Noted on the last two inspections. | | | | | |

No Photos

| | | | | | |
|---------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.39 | Rating ** | M | Issue No. | 25 |
| LM End | 0.62 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.048886 ° | 37.051208 ° |
| | | | | -120.421838 ° | -120.418903 ° |
| DWR ID | DWR_NA0011_01_s _ 2014_25 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.43 | Rating ** | M | Issue No. | 9 |
| LM End | 0.43 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.049355 ° | 37.049355 ° |
| | | | | -120.421203 ° | -120.421203 ° |
| DWR ID | DWR_NA0011_01_s _ 2012_9 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |
| Inspector Comments: Noted on the last two inspections. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.44 | Rating ** | M | Issue No. | 11 |
| LM End | 0.44 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.049455 ° | 37.049455 ° |
| | | | | -120.421218 ° | -120.421218 ° |
| DWR ID | DWR_NA0011_01_s_2012_11 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.45 | Rating ** | M | Issue No. | 39 |
| LM End | 0.56 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.049484 ° | 37.050574 ° |
| | | | | -120.421017 ° | -120.419601 ° |
| DWR ID | DWR_NA0011_01_s_2012_39 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.53 | Rating ** | M | Issue No. | 10 |
| LM End | 0.53 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.050335 ° | 37.050335 ° |
| | | | | -120.419965 ° | -120.419965 ° |
| DWR ID | DWR_NA0011_01_s_2012_10 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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| | | | | | |
|--|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.87 | Rating ** | M | Issue No. | 13 |
| LM End | 1.25 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 87.054362 ° | 37.056979 ° |
| | | | | -120.417080 ° | 120.411460 ° |
| DWR ID | DWR_NA0011_01_s_2013_13 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: The district really needs to get control of the wild growth. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|-----|
| LM Start | 0.89 | Rating ** | M | Issue No. | 29 |
| LM End | 1.19 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.054708 ° | ° |
| | | | | -120.416960 ° | ° |
| DWR ID | DWR_NA0011_01_s_2014_29 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.06 | Rating ** | U | Issue No. | 33 |
| LM End | 1.24 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.055942 ° | 37.056948 ° |
| | | | | -120.414390 ° | -120.411460 ° |
| DWR ID | DWR_NA0011_01_f_2014_33 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. Inspector Comments: The toe here has been damaged by farm equipment. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_142_33_20141121_00014.jpg



Looking downstream from levee mile 1.06 toward levee mile 1.24 at the waterward toe that has been damaged.

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| | | | | | |
|----------|--------------------|--------------|----|------------------------|---------------|
| LM Start | 1.11 | Rating ** | U | Issue No. | 1 |
| LM End | 1.20 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.055596 ° | 37.055596 ° |
| | | | | -120.412647 ° | -120.412647 ° |
| DWR ID | | | | | |

Action/Comments

Inspector Comments: 07/22/2014: No significant change observed.
08/30/2013: No significant change observed.
07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site
08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.
11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.
08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.
2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"
9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed. [2014 Site ID:NA0011U01RM2.57]

Photo 1 of 1 : SJR2014_NA0011U01RM2.57_1.jpg



View of the erosion site from the levee crest.

| | | | | | |
|----------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.19 | Rating ** | M | Issue No. | 31 |
| LM End | 1.19 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.056563 ° | 37.056563 ° |
| | | | | -120.412020 ° | -120.412019 ° |
| DWR ID | DWR_NA0011_01_s_2014_31 | | | | |

Action/Comments

Repair slope instability.
Inspector Comments: The waterside is damaged by farmer.

No Photos

| | | | |
|--|--|---|---|
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| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.37 | Rating ** | U | Issue No. | 32 |
| LM End | 1.83 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.058460 ° | 37.062580 ° |
| | | | | -120.410390 ° | -120.404180 ° |
| DWR ID | DWR_NA0011_01_f_2014_32 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. Inspector Comments: The toe has been damaged by discing too close to the levee toe waterward. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_142_32_20141121_00013.jpg



Looking downstream water ward slope damaged by discing equipment.

| | | | | | |
|---------------------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.47 | Rating ** | M | Issue No. | 7 |
| LM End | 2.37 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.059113 ° | 37.068344 ° |
| | | | | -120.408880 ° | -120.398780 ° |
| DWR ID | DWR_NA0011_01_s_2013_7 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. | | | | | |

No Photos

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.63 | Rating ** | M | Issue No. | 3 |
| LM End | 1.65 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.060389 ° | 37.060678 ° |
| | | | | -120.406555 ° | -120.406345 ° |
| DWR ID | DWR_NA0011_01_s_2012_3 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Ash Slough | Right | 2.37 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.06 | Rating ** | U | Issue No. | 26 |
| LM End | 2.18 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.064917 ° | 37.066035 ° |
| | | | | -120.401520 ° | -120.399910 ° |
| DWR ID | DWR_NA0011_01_f_2014_26 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the unwanted tall weeds from the waterward shoulder and slope. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_142_26_20141121_00012.jpg



Unwanted tall weeds on the waterward slope.

| | | | | | |
|---|--------------------|--------------|----|------------------------|---------------|
| LM Start | 2.37 | Rating ** | M | Issue No. | 15 |
| LM End | 2.39 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.068570 ° | 37.068570 ° |
| | | | | -120.398620 ° | -120.398620 ° |
| DWR ID | | | | | |
| Action/Comments | | | | | |
| Inspector Comments: 07/22/2014: No significant change observed. 08/30/2013: No significant change observed 07/31/2012: Site was visited on 07/26/2012. No significant change observed 08/09/2011: Site was inspected. No visible change was observed from the previous condition. There have been no reports from the district that this site was corrected. 11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that this site was corrected. Continue monitor during flood events. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO. 2009: Site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; it was previously rated "M". 8/26/2008: Undulating waterside slope surface; vehicular damage along the waterside slope possibly caused by farming equipment; levee crown is composed of sandy material; there is a collection of concrete rubble on the waterside crown hinge; vehicular damage extends from levee toe to crown surface. 9/6/2007: Farmer degraded levee on water-ward slope and crown. [2014 Site ID:NA0011U01RM3.8] | | | | | |

Photo 1 of 1 : SJR2014_NA0011U01RM3.8_1.jpg



Close view of the site. The site has been plowed by the farm vehicle and the erosion is not visible any longer.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Ash Slough | Right | 2.37 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.40 | Rating ** | U | Issue No. | 17 |
| LM End | 2.40 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.068737 ° | 37.068737 ° |
| | | | | -120.398570 ° | -120.396570 ° |
| DWR ID | DWR_NA0011_01_s _ 2013_17 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. Inspector Comments: The farmer has plowed up the waterside berm too close to the levee toe causing damage to the levee toe also this method transfers the bamboo roots along the berm. Spraying is needed to kill the new growth. This method of maintaining the waterside cannot continue. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_142_17_20141124_00016.jpg



Ash Slough levee toe damaged by farm equipment discing too close.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 33 |
| LM End | 0.88 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047259 ° | 37.053507 ° |
| | | | | -120.422107 ° | -120.416249 ° |
| DWR ID | DWR_NA0011_02_s_2014_33 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Remove the wild weeds from the waterside levee slope. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_143_33_20141124_00011.jpg



Looking upstream from the waterside slope at tall weeds present on the levee section.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 39 |
| LM End | 0.88 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047259 ° | 37.053507 ° |
| | | | | -120.422110 ° | -120.416250 ° |
| DWR ID | DWR_NA0011_02_f_2014_39 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Wild growth on levee slope need to be removed. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_143_39_20141124_00014.jpg



Looking upstream from 0.00 at wild growth on the landside levee slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 10 |
| LM End | 2.06 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.045583 ° | 37.064027 ° |
| | | | | -120.427335 ° | -120.401112 ° |
| DWR ID | DWR_NA0011_02_f_2014_10 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.03 | Rating ** | M | Issue No. | 48 |
| LM End | 0.66 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.045685 ° | 37.050727 ° |
| | | | | -120.426820 ° | -120.417933 ° |
| DWR ID | DWR_NA0011_02_s_2012_48 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Bait stations are needed in this infested area both landside and waterside. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.05 | Rating ** | U | Issue No. | 19 |
| LM End | 1.69 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.045806 ° | 37.060091 ° |
| | | | | -120.426405 ° | -120.405342 ° |
| DWR ID | DWR_NA0011_02_f_2012_19 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The rodents here on the landside need to be controlled. Bait stations are needed. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_143_19_20141124_00013.jpg



Large rodent mounds underneath vine growth on the landside slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.27 | Rating ** | M | Issue No. | 21 |
| LM End | 0.29 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.046937 ° | 37.047192 ° |
| | | | | -120.422815 ° | -120.422517 ° |
| DWR ID | DWR_NA0011_02_s_2012_21 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.30 | Rating ** | M | Issue No. | 12 |
| LM End | 0.49 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047217 ° | 37.048944 ° |
| | | | | -120.422424 ° | -120.419943 ° |
| DWR ID | DWR_NA0011_02_s_2014_12 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.32 | Rating ** | M | Issue No. | 24 |
| LM End | 1.89 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047415 ° | 37.062094 ° |
| | | | | -120.422141 ° | -120.403083 ° |
| DWR ID | DWR_NA0011_02_f_2012_24 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.32 | Rating ** | M | Issue No. | 28 |
| LM End | 0.32 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.047416 ° | 37.047416 ° |
| | | | | -120.422142 ° | -120.422142 ° |
| DWR ID | DWR_NA0011_02_f_2012_28 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.32 | Rating ** | M | Issue No. | 29 |
| LM End | 0.98 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047417 ° | 37.054965 ° |
| | | | | -120.422142 ° | -120.415250 ° |
| DWR ID | DWR_NA0011_02_f_2012_29 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. Inspector Comments: The crown roadway should be free of vegetation. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.33 | Rating ** | U | Issue No. | 34 |
| LM End | 2.06 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.047468 ° | 37.064027 ° |
| | | | | -120.422087 ° | -120.401112 ° |
| DWR ID | DWR_NA0011_02_f_2014_34 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the wild growth from the waterside. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_143_34_20141124_00015.jpg



Wild growth on the waterside levee slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.45 | Rating ** | M | Issue No. | 38 |
| LM End | 0.95 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.048688 ° | 37.054693 ° |
| | | | | -120.420415 ° | -120.415710 ° |
| DWR ID | DWR_NA0011_02_f_2014_38 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.52 | Rating ** | M | Issue No. | 35 |
| LM End | 0.52 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.049289 ° | 37.049289 ° |
| | | | | -120.419542 ° | -120.419542 ° |
| DWR ID | DWR_NA0011_02_s_2013_35 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.55 | Rating ** | M | Issue No. | 13 |
| LM End | 2.06 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.049597 ° | 37.064091 ° |
| | | | | -120.419163 ° | -120.401131 ° |
| DWR ID | DWR_NA0011_02_s_2012_13 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: The wild growth needs to be maintained. | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.58 | Rating ** | M | Issue No. | 14 |
| LM End | 0.61 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.049830 ° | 37.050267 ° |
| | | | | -120.418812 ° | -120.418329 ° |
| DWR ID | DWR_NA0011_02_s_2012_14 | | | | |
| Action/Comments | | | | | |
| Pipe | | | | | |

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.79 | Rating ** | M | Issue No. | 26 |
| LM End | 0.84 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.053137 ° | 37.052745 ° |
| | | | | -120.417517 ° | -120.417695 ° |
| DWR ID | DWR_NA0011_02_s_2012_26 | | | | |
| Action/Comments | | | | | |
| Equipment | | | | | |
| Inspector Comments: The landowner here has equipment within the easement landside however, most of the encroachments has been removed since last Inspection. All has not been removed. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.79 | Rating ** | M | Issue No. | 27 |
| LM End | 0.79 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.053283 ° | 37.053283 ° |
| | | | | -120.417477 ° | -120.417477 ° |
| DWR ID | DWR_NA0011_02_s_2012_27 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.98 | Rating ** | U | Issue No. | 44 |
| LM End | 1.40 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.054830 ° | 37.057948 ° |
| | | | | -120.415600 ° | -120.409763 ° |
| DWR ID | DWR_NA0011_02_f_2014_44 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |
| Inspector Comments: Keep crown roadway free of vegetation. | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2014_NA0011_143_44_20141124_00017.jpg



Crown roadway from 0.98 to 1.40 tall grasses present.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.04 | Rating ** | M | Issue No. | 3 |
| LM End | 1.24 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.055115 ° | 37.056050 ° |
| | | | | -120.414588 ° | -120.411178 ° |
| DWR ID | DWR_NA0011_02_s_2012_3 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.04 | Rating ** | M | Issue No. | 15 |
| LM End | 1.04 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.055171 ° | 37.055171 ° |
| | | | | -120.414560 ° | -120.414560 ° |
| DWR ID | DWR_NA0011_02_s_2012_15 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.14 | Rating ** | M | Issue No. | 36 |
| LM End | 1.14 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.055599 ° | 37.055599 ° |
| | | | | -120.412836 ° | -120.412836 ° |
| DWR ID | DWR_NA0011_02_s_2013_36 | | | | |
| Action/Comments | | | | | |
| Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|-----|
| LM Start | 1.16 | Rating ** | M | Issue No. | 31 |
| LM End | 2.07 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.055694 ° | ° |
| | | | | -120.412588 ° | ° |
| DWR ID | DWR_NA0011_02_f_2012_31 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.40 | Rating ** | M | Issue No. | 16 |
| LM End | 2.05 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.057896 ° | 37.063896 ° |
| | | | | -120.409687 ° | -120.401232 ° |
| DWR ID | DWR_NA0011_02_s_2012_16 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Remove the vegetation from crown roadway. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.48 | Rating ** | U | Issue No. | 43 |
| LM End | 1.52 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.058335 ° | 37.058520 ° |
| | | | | -120.408434 ° | -120.407791 ° |
| DWR ID | DWR_NA0011_02_s_2014_43 | | | | |
| Action/Comments | | | | | |
| Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_143_43_20141124_00018.jpg



Dead fallen tree not removed from levee section, reported in Spring inspection.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.04 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.49 | Rating ** | M | Issue No. | 2 |
| LM End | 1.49 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.058273 ° | 37.058273 ° |
| | | | | -120.408195 ° | -120.408195 ° |
| DWR ID | DWR_NA0011_02_s_2012_2 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 1 |
| LM End | 1.52 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.058573 ° | 37.058573 ° |
| | | | | -120.407660 ° | -120.407660 ° |
| DWR ID | DWR_NA0011_02_s_2012_1 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.53 | Rating ** | M | Issue No. | 25 |
| LM End | 1.55 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.058652 ° | 37.058802 ° |
| | | | | -120.407638 ° | -120.407350 ° |
| DWR ID | DWR_NA0011_02_s_2012_25 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996580 ° | 36.996580 ° |
| | | | | -120.374020 ° | -120.374020 ° |
| DWR ID | DWR_NA0011_03_s_2014_21 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 1 |
| LM End | 1.55 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996606 ° | 36.996612 ° |
| | | | | -120.373860 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_s_2013_1 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Remove the tumble weeds from the levee section. | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2014_NA0011_144_1_20141124_00012.jpg



Looking upstream from levee mile 0.00 tumble weeds present on the waterward levee section.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.02 | Rating ** | M | Issue No. | 33 |
| LM End | 0.12 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996650 ° | 36.996261 ° |
| | | | | -120.373386 ° | -120.371765 ° |
| DWR ID | DWR_NA0011_03_f_2012_33 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.03 | Rating ** | M | Issue No. | 35 |
| LM End | 0.03 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996618 ° | 36.996618 ° |
| | | | | -120.373116 ° | -120.373116 ° |
| DWR ID | DWR_NA0011_03_f_2012_35 | | | | |
| Action/Comments | | | | | |
| Trim trees over roadway to at least 12 feet above ground level. Inspector Comments: Tree drags against vehicles as they pass by. Remove overhanging tree limbs. | | | | | |

No Photos

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.04 | Rating ** | M | Issue No. | 7 |
| LM End | 0.04 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996553 ° | 36.996553 ° |
| | | | | -120.373103 ° | -120.373103 ° |
| DWR ID | DWR_NA0011_03_s_2013_7 | | | | |
| Action/Comments | | | | | |
| Trim trees over roadway to at least 12 feet above ground level. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.05 | Rating ** | C | Issue No. | 34 |
| LM End | 0.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996586 ° | 36.996586 ° |
| | | | | -120.373158 ° | -120.373158 ° |
| DWR ID | DWR_NA0011_03_f_2012_34 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 18 |
| LM End | 0.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996378 ° | 36.996378 ° |
| | | | | -120.372738 ° | -120.372738 ° |
| DWR ID | DWR_NA0011_03_f_2014_18 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 29 |
| LM End | 1.55 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996378 ° | 36.996611 ° |
| | | | | -120.372738 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_f_2014_29 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Remove the wild growth other than native annual grasses. | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 19 |
| LM End | 0.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.996348 ° | 36.996348 ° |
| | | | | -120.372699 ° | -120.372699 ° |
| DWR ID | DWR_NA0011_03_s_2012_19 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.08 | Rating ** | M | Issue No. | 32 |
| LM End | 0.91 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 36.996264 ° | 36.996273 ° |
| | | | | -120.372350 ° | -120.357666 ° |
| DWR ID | DWR_NA0011_03_s_2014_32 | | | | |
| Action/Comments | | | | | |
| Add appropriate gravel or road base. Grade and compact. | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.08 | Rating ** | M | Issue No. | 20 |
| LM End | 0.08 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.996204 ° | 36.996201 ° |
| | | | | -120.372352 ° | -120.372345 ° |
| DWR ID | DWR_NA0011_03_s_2012_20 | | | | |
| Action/Comments | | | | | |
| Debris | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.37 | Rating ** | U | Issue No. | 36 |
| LM End | 1.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996197 ° | 36.996611 ° |
| | | | | -120.367360 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_f_2014_36 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Control the unwanted wild growth from the landward levee section. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_144_36_20141124_00013.jpg



Looking upstream at levee mile 0.37 wild growth covering the landward levee section to the levee mile 1.55.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.42 | Rating ** | U | Issue No. | 40 |
| LM End | 1.55 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996172 ° | 36.996611 ° |
| | | | | -120.366428 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_f_2014_40 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Remove the unwanted tall weeds from the waterside levee section. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_144_40_20141124_00009.jpg



Unwanted tall weeds on the waterside shoulder and slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.72 | Rating ** | U | Issue No. | 41 |
| LM End | 1.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996240 ° | 36.996611 ° |
| | | | | -120.361028 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_f_2014_41 | | | | |
| Action/Comments | | | | | |
| Repair the levee slope damaged by livestock and prevent large animal access. | | | | | |
| Inspector Comments: Need bait stations present where rodents are active. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_144_41_20141124_00014.jpg



Large rodent mounds on the landward levee slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.82 | Rating ** | M | Issue No. | 22 |
| LM End | 1.52 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996222 ° | 36.996611 ° |
| | | | | -120.359030 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_s_2012_22 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.89 | Rating ** | M | Issue No. | 39 |
| LM End | 0.89 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996261 ° | 36.996261 ° |
| | | | | -120.358095 ° | -120.358095 ° |
| DWR ID | DWR_NA0011_03_s_2013_39 | | | | |
| Action/Comments | | | | | |
| Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.05 | Rating ** | M | Issue No. | 24 |
| LM End | 1.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996574 ° | 36.996574 ° |
| | | | | -120.355032 ° | -120.355032 ° |
| DWR ID | DWR_NA0011_03_s_2012_24 | | | | |
| Action/Comments | | | | | |
| Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.06 | Rating ** | U | Issue No. | 47 |
| LM End | 1.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996593 ° | 36.996593 ° |
| | | | | -120.355158 ° | -120.355160 ° |
| DWR ID | DWR_NA0011_03_s_2014_47 | | | | |
| Action/Comments | | | | | |
| Trees / Woody Vegetation | | | | | |
| Inspector Comments: Control the woody tree growth so the levee slope can be seen. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_144_47_20141124_00010.jpg



Woody tree growth completely blocking the levee slope, toe and portion of the crown roadway.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.06 | Rating ** | U | Issue No. | 44 |
| LM End | 1.54 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996592 ° | 36.996612 ° |
| | | | | -120.355155 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_s_2014_44 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. Inspector Comments: Keep crown roadway free of vegetation. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_144_44_20141124_00015.jpg



Looking upstream from levee mile 1.06 to levee mile 1.54 crown roadway overgrown with tall weeds.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.06 | Rating ** | M | Issue No. | 23 |
| LM End | 1.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996574 ° | 36.996574 ° |
| | | | | -120.355032 ° | -120.355032 ° |
| DWR ID | DWR_NA0011_03_s_2012_23 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.06 | Rating ** | M | Issue No. | 38 |
| LM End | 1.54 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996619 ° | 36.996627 ° |
| | | | | -120.355076 ° | -120.346620 ° |
| DWR ID | DWR_NA0011_03_f_2012_38 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.06 | Rating ** | M | Issue No. | 48 |
| LM End | 1.54 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996609 ° | 36.996612 ° |
| | | | | -120.355090 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_s_2014_48 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Not able to see rodent holes on levee slope due to wild growth blocking view. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.07 | Rating ** | M | Issue No. | 11 |
| LM End | 1.07 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996613 ° | 36.996610 ° |
| | | | | -120.355055 ° | -120.354995 ° |
| DWR ID | DWR_NA0011_03_s_2012_11 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.07 | Rating ** | M | Issue No. | 4 |
| LM End | 1.08 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.996568 ° | 36.996570 ° |
| | | | | -120.355028 ° | -120.354788 ° |
| DWR ID | DWR_NA0011_03_s_2012_4 | | | | |
| Action/Comments | | | | | |
| Material | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.09 | Rating ** | M | Issue No. | 25 |
| LM End | 1.52 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996636 ° | 36.996611 ° |
| | | | | -120.354262 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_s_2012_25 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.09 | Rating ** | M | Issue No. | 15 |
| LM End | 1.12 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996618 ° | 36.996633 ° |
| | | | | -120.354538 ° | -120.354012 ° |
| DWR ID | DWR_NA0011_03_s_2012_15 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.09 | Rating ** | M | Issue No. | 16 |
| LM End | 1.10 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996620 ° | 36.996625 ° |
| | | | | -120.354535 ° | -120.354340 ° |
| DWR ID | DWR_NA0011_03_s_2012_16 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.10 | Rating ** | M | Issue No. | 5 |
| LM End | 1.21 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996587 ° | 36.996567 ° |
| | | | | -120.354515 ° | -120.352393 ° |
| DWR ID | DWR_NA0011_03_s_2012_5 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.10 | Rating ** | M | Issue No. | 6 |
| LM End | 1.15 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996582 ° | 36.996588 ° |
| | | | | -120.354410 ° | -120.353595 ° |
| DWR ID | DWR_NA0011_03_s_2012_6 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.12 | Rating ** | M | Issue No. | 26 |
| LM End | 1.52 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996609 ° | 36.996611 ° |
| | | | | -120.353757 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_s_2012_26 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.51 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.12 | Rating ** | M | Issue No. | 27 |
| LM End | 1.52 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.996610 ° | 36.996611 ° |
| | | | | -120.353753 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_03_s_2012_27 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.26 | Rating ** | U | Issue No. | 17 |
| LM End | 1.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996632 ° | 36.996632 ° |
| | | | | -120.351463 ° | -120.351463 ° |
| DWR ID | DWR_NA0011_03_s_2012_17 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trim the tree blocking the levee slope landside. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_144_17_20141124_00016.jpg



Looking upstream landward levee mile 1.26 tree growth blocks slope, shoulder and portion on the crown roadway.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.28 | Rating ** | M | Issue No. | 30 |
| LM End | 1.28 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.996603 ° | 36.996603 ° |
| | | | | -120.351115 ° | -120.351115 ° |
| DWR ID | DWR_NA0011_03_s_2012_30 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Madera County FCWCA

No Photos

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | U | Issue No. | 2 |
| LM End | 0.45 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.995499 ° | 36.995610 ° |
| | | | | -121.373370 ° | -120.365297 ° |
| DWR ID | DWR_NA0011_04_s_2012_2 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Did not see any rodents but there is activity here at location, fresh holes present along slope and toe. No new photo taken here. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_145_2_20141008_00002.jpg



Large rodent holes on landside slope looking upstream from levee mile 0.01. Photo taken 4-24-2014. No new photo taken no maintenance has been done Fall 2014.

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | U | Issue No. | 1 |
| LM End | 1.52 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.995493 ° | 36.995593 ° |
| | | | | -120.373242 ° | -120.346400 ° |
| DWR ID | DWR_NA0011_04_f_2014_1 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: No maintenance has been done here for several years now. The tumble weeds are 3.0 feet tall on both slopes. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_145_1_20141125_00014.jpg



Berenda Slough looking downstream from levee mile 0.01 to mile 1.52
Tumble weeds taller than 3.0 feet present shoulder slope and toe.

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | U | Issue No. | 4 |
| LM End | 1.61 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.995493 ° | 36.996215 ° |
| | | | | -120.373242 ° | -120.344808 ° |
| DWR ID | DWR_NA0011_04_f_2014_4 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: No maintenance has been done in several years, the weeds are 3.0 feet tall. The condition of the levee slopes can't be seen through wild weeds. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_145_4_20141125_00015.jpg



Unsatisfactory wild growth on the water side slope and shoulder.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.15 | Rating ** | M | Issue No. | 8 |
| LM End | 0.20 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.995534 ° | 36.995533 ° |
| | | | | -120.370874 ° | -120.369899 ° |
| DWR ID | DWR_NA0011_04_s_2012_8 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.28 | Rating ** | M | Issue No. | 21 |
| LM End | 0.28 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.995564 ° | 36.995564 ° |
| | | | | -120.368540 ° | -120.368540 ° |
| DWR ID | DWR_NA0011_04_f_2012_21 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.31 | Rating ** | M | Issue No. | 14 |
| LM End | 1.34 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.995526 ° | 36.995566 ° |
| | | | | -120.368064 ° | -120.349628 ° |
| DWR ID | DWR_NA0011_04_s_2012_14 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

Madera County FCWCA

No Photos

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.95 | Rating ** | M | Issue No. | 29 |
| LM End | 1.27 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.995552 ° | 36.995474 ° |
| | | | | -120.356537 ° | -120.350890 ° |
| DWR ID | DWR_NA0011_04_s_2013_29 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|---------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.95 | Rating ** | M | Issue No. | 28 |
| LM End | 0.95 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 36.995546 ° | 36.995546 ° |
| | | | | -120.356494 ° | -120.356494 ° |
| DWR ID | DWR_NA0011_04_s_2013_28 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.06 | Rating ** | M | Issue No. | 55 |
| LM End | 1.34 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.995596 ° | 36.995571 ° |
| | | | | -120.354562 ° | -120.349736 ° |
| DWR ID | DWR_NA0011_04_s_2012_55 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.08 | Rating ** | U | Issue No. | 23 |
| LM End | 2.20 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.995478 ° | 37.002630 ° |
| | | | | -120.354210 ° | -120.338255 ° |
| DWR ID | DWR_NA0011_04_f_2014_23 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Need bait stations in active areas. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_145_23_20141124_00013.jpg



Rodent mounds present on levee slope levee mile 1.08 to 2.20.

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.51 | Rating ** | U | Issue No. | 9 |
| LM End | 1.51 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 36.995611 ° | 36.995611 ° |
| | | | | -120.346236 ° | -120.346236 ° |
| DWR ID | DWR_NA0011_04_s_2012_9 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. Inspector Comments: The Madera County Resource Management Agency will be sending the landowner a letter addressing this damage. The damage here was caused by a Contractor. 11-01-2012 no repairs have been done to this site. 4-16-2013 this site was inspected and no repairs has been by landowner. Fall 2014 no change. | | | | | |

Photo 1 of 2 : FA_2014_NA0011_145_9_20141008_00003.jpg



Levee mile 1.51 levee damaged by the landowner. Photo taken 4-24-2014.

| | | | | | |
|----------|-------------|--------------|-----------|------------|-----------------|
| LM Start | 1.51 | Rating ** | U | Issue No. | 9 (cont) |
| LM End | 1.51 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : FA_2014_NA0011_145_9_20141008_00004.jpg



Levee mile 1.51 landward slope remains unrepaired by the landowner. Photo taken 4-24-2014. No new photo taken Fall 2014. no change.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 24 |
| LM End | 1.87 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.995662 ° | 37.003441 ° |
| | | | | -120.346381 ° | -120.346460 ° |
| DWR ID | DWR_NA0011_04_f_2012_24 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.59 | Rating ** | M | Issue No. | 11 |
| LM End | 1.59 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.995910 ° | 36.995910 ° |
| | | | | -120.345293 ° | -120.345293 ° |
| DWR ID | DWR_NA0011_04_s_2012_11 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.63 | Rating ** | M | Issue No. | 27 |
| LM End | 1.65 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996295 ° | 36.996503 ° |
| | | | | -120.344750 ° | -120.344465 ° |
| DWR ID | DWR_NA0011_04_f_2014_27 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.65 | Rating ** | U | Issue No. | 30 |
| LM End | 2.07 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996503 ° | 37.001118 ° |
| | | | | -120.344465 ° | -120.339812 ° |
| DWR ID | DWR_NA0011_04_f_2014_30 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Bait stations sre needed in Rodent infested area. | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2014_NA0011_145_30_20141125_00017.jpg



Berenda Slough looking downstream from levee mile 1.65 waterside
large rodent holes on slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.66 | Rating ** | U | Issue No. | 57 |
| LM End | 2.25 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996574 ° | 37.003328 ° |
| | | | | -120.344430 ° | -120.337604 ° |
| DWR ID | DWR_NA0011_04_s_2012_57 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District really needs to do a better job of controlling the rodents. There should be bait stations with rodent bait in place. (2013). | | | | | |

Photo 1 of 1 : FA_2014_NA0011_145_57_20141008_00011.jpg



There are several rodent holes covering the landward slope. Photo
taken 4-24-2014. No new photo Fall inspection 2014.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.66 | Rating ** | M | Issue No. | 59 |
| LM End | 1.69 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996573 ° | 36.997002 ° |
| | | | | -120.344428 ° | -120.343977 ° |
| DWR ID | DWR_NA0011_04_s_2012_59 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/18/2014 11/18/2014 | Herman Phillips |

| | | | | | |
|----------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.66 | Rating ** | U | Issue No. | 13 |
| LM End | 2.25 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.996574 ° | 37.003328 ° |
| | | | | -120.344430 ° | -120.337600 ° |
| DWR ID | DWR NA0011 04 s 2014 13 | | | | |

Action/Comments

Exterminate rodents and backfill and compact or grout burrows.
Inspector Comments: This area needs better rodent control, the levee slopes are covered with fresh holes even though no rodent was seen. The district should partner with the landowner and make a combined effort to attack the rodents.

Photo 1 of 1 : FA_2014_NA0011_145_13_20141125_00018.jpg



Looking at waterside upstream from levee mile 1.66 to levee mile 2.25 large holes present on the waterside slope and toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

Madera County FCWCA

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.03 | Rating ** | M | Issue No. | 40 |
| LM End | 4.10 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.978528 ° | 36.968192 ° |
| | | | | -120.368010 ° | -120.300930 ° |
| DWR ID | DWR_NA0011_05_f_2014_40 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There has been some vegetation removed from waterside slope either by sheep or goat but tumble weeds have regrown on levee slope. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_146_40_20141121_00010.jpg



Looking downstream from levee mile 0.03 waterside.

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.19 | Rating ** | M | Issue No. | 3 |
| LM End | 0.40 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.977998 ° | 36.976882 ° |
| | | | | -120.365077 ° | -120.361610 ° |
| DWR ID | DWR_NA0011_05_s_2012_3 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.20 | Rating ** | M | Issue No. | 4 |
| LM End | 0.26 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.977967 ° | 36.977715 ° |
| | | | | -120.364960 ° | -120.363902 ° |
| DWR ID | DWR_NA0011_05_s_2012_4 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.22 | Rating ** | U | Issue No. | 31 |
| LM End | 0.32 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.977920 ° | 36.977482 ° |
| | | | | -120.364762 ° | -120.362990 ° |
| DWR ID | DWR_NA0011_05_f_2014_31 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_146_31_20141121_00013.jpg



Looking downstream from levee mile 0.22-0.32 unwanted tall tumble weeds covering waterward levee slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.53 | Rating ** | M | Issue No. | 32 |
| LM End | 1.09 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.975710 ° | 36.969615 ° |
| | | | | -120.359985 ° | -120.353608 ° |
| DWR ID | DWR_NA0011_05_f_2014_32 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.54 | Rating ** | M | Issue No. | 5 |
| LM End | 0.56 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.975520 ° | 36.975350 ° |
| | | | | -120.359788 ° | -120.359548 ° |
| DWR ID | DWR_NA0011_05_s_2012_5 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.86 | Rating ** | M | Issue No. | 13 |
| LM End | 1.13 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 36.972344 ° | 36.968963 ° |
| | | | | -120.355692 ° | -120.353347 ° |
| DWR ID | DWR_NA0011_05_s_2012_13 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.09 | Rating ** | U | Issue No. | 39 |
| LM End | 4.10 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.969615 ° | 36.968192 ° |
| | | | | -120.353608 ° | -120.300925 ° |
| DWR ID | DWR_NA0011_05_f_2014_39 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Remove the tall growth of tumble weeds on the waterward slope. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_146_39_20141121_00014.jpg



Looking downstream from levee mile 1.09 to 4.10 tumble weeds covering water ward slope.

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.19 | Rating ** | M | Issue No. | 16 |
| LM End | 1.20 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 36.968354 ° | 36.968272 ° |
| | | | | -120.352761 ° | -120.352623 ° |
| DWR ID | DWR_NA0011_05_f_2012_16 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.30 | Rating ** | M | Issue No. | 11 |
| LM End | 1.39 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 36.967858 ° | 36.967868 ° |
| | | | | -120.351064 ° | -120.349417 ° |
| DWR ID | DWR_NA0011_05_s_2012_11 | | | | |
| Action/Comments | | | | | |
| Repair depressions or ruts in the crown or slope. | | | | | |

No Photos

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 14 |
| LM End | 1.60 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 36.967876 ° | 36.967865 ° |
| | | | | -120.347037 ° | -120.345679 ° |
| DWR ID | DWR_NA0011_05_s_2012_14 | | | | |
| Action/Comments | | | | | |
| Repair depressions or ruts in the crown or slope. | | | | | |

No Photos

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 30 |
| LM End | 1.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 36.967901 ° | 36.967931 ° |
| | | | | -120.347012 ° | -120.340852 ° |
| DWR ID | DWR_NA0011_05_f_2012_30 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.59 | Rating ** | M | Issue No. | 18 |
| LM End | 4.10 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967928 ° | 36.968175 ° |
| | | | | -120.345813 ° | -120.300922 ° |
| DWR ID | DWR_NA0011_05_s_2012_18 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|---------------------------------------|---|--------------|----|------------------------|---------------|
| LM Start | 2.52 | Rating ** | M | Issue No. | 19 |
| LM End | 2.52 | Issue Type + | Ma | Location * | WS |
| Category | Rivers, Channels & Designated Floodways | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.968222 ° | 36.968222 ° |
| | | | | -120.329131 ° | -120.329131 ° |
| DWR ID | DWR_NA0011_05_s_2012_19 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Trash in channel. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.24 | Rating ** | M | Issue No. | 22 |
| LM End | 4.36 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.968138 ° | 36.968202 ° |
| | | | | -120.298362 ° | -120.296210 ° |
| DWR ID | DWR_NA0011_05_s_2012_22 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.24 | Rating ** | M | Issue No. | 21 |
| LM End | 4.36 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.968135 ° | 36.968202 ° |
| | | | | -120.298355 ° | -120.296210 ° |
| DWR ID | DWR_NA0011_05_s_2012_21 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.50 | Rating ** | M | Issue No. | 23 |
| LM End | 5.27 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.968230 ° | 36.968247 ° |
| | | | | -120.293665 ° | -120.279957 ° |
| DWR ID | DWR_NA0011_05_s_2012_23 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.57 | Rating ** | M | Issue No. | 17 |
| LM End | 6.88 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.968453 ° | 36.969510 ° |
| | | | | -120.255595 ° | -120.250163 ° |
| DWR ID | DWR_NA0011_05_s_2012_17 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.64 | Rating ** | U | Issue No. | 34 |
| LM End | 7.60 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.968512 ° | 36.969528 ° |
| | | | | -120.255425 ° | -120.238603 ° |
| DWR ID | DWR_NA0011_05_f_2014_34 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The wild growth of brush and weeds has to be controlled. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_146_34_20141121_00015.jpg



Looking downstream from levee mile 6.64 unwanted wild vegetation growth on the waterward shoulder and slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.64 | Rating ** | A | Issue No. | 42 |
| LM End | 7.60 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.968512 ° | 36.969528 ° |
| | | | | -120.255425 ° | -120.238603 ° |
| DWR ID | DWR_NA0011_05_f_2014_42 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.67 | Rating ** | C | Issue No. | 24 |
| LM End | 6.75 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.968505 ° | 36.968855 ° |
| | | | | -120.254893 ° | -120.253545 ° |
| DWR ID | DWR_NA0011_05_s_2012_24 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District has replaced the old bait stations with new ones and put a program together to reduce the rodents in the area. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.72 | Rating ** | C | Issue No. | 36 |
| LM End | 6.72 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.968662 ° | 36.968662 ° |
| | | | | -120.254058 ° | -120.254058 ° |
| DWR ID | DWR_NA0011_05_s_2013_36 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.78 | Rating ** | M | Issue No. | 44 |
| LM End | 6.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.968992 ° | 36.969465 ° |
| | | | | -120.253143 ° | -120.251303 ° |
| DWR ID | DWR_NA0011_05_f_2014_44 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.18 | Rating ** | M | Issue No. | 45 |
| LM End | 7.60 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.969512 ° | 36.969528 ° |
| | | | | -120.245957 ° | -120.238603 ° |
| DWR ID | DWR_NA0011_05_f_2014_45 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.60 | Rating ** | A | Issue No. | 48 |
| LM End | 9.20 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.969528 ° | 36.973352 ° |
| | | | | -120.238603 ° | -120.211430 ° |
| DWR ID | DWR_NA0011_05_f_2014_48 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.61 | Rating ** | C | Issue No. | 12 |
| LM End | 7.76 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.969577 ° | 36.969725 ° |
| | | | | -120.238330 ° | -120.235783 ° |
| DWR ID | DWR_NA0011_05_s_2012_12 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.68 | Rating ** | M | Issue No. | 25 |
| LM End | 7.68 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 36.969571 ° | 36.969543 ° |
| | | | | -120.237051 ° | -120.237041 ° |
| DWR ID | DWR_NA0011_05_s_2012_25 | | | | |
| Action/Comments | | | | | |
| Note and monitor erosion site. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.91 | Rating ** | C | Issue No. | 26 |
| LM End | 7.93 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.970919 ° | 36.971056 ° |
| | | | | -120.233529 ° | -120.233226 ° |
| DWR ID | DWR_NA0011_05_s_2012_26 | | | | |
| Action/Comments | | | | | |
| Firewood | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 8.19 | Rating ** | M | Issue No. | 37 |
| LM End | 8.27 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.972391 ° | 36.972399 ° |
| | | | | -120.228857 ° | -120.227424 ° |
| DWR ID | DWR_NA0011_05_s_2013_37 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 8.47 | Rating ** | U | Issue No. | 28 |
| LM End | 8.50 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.972931 ° | 36.972924 ° |
| | | | | -120.224024 ° | -120.223538 ° |
| DWR ID | DWR_NA0011_05_s_2012_28 | | | | |
| Action/Comments | | | | | |
| Firewood | | | | | |
| Inspector Comments: Remove the firewood from the landside slope and toe, this levee has a history of rodents. This wood pile will provide a unwanted habitat for them. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_146_28_20141121_00016.jpg



Looking downstream from levee mile 8.47-8.50 firewood on the landside levee slope and toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.10 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 8.53 | Rating ** | C | Issue No. | 27 |
| LM End | 8.54 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.068720 ° | 36.372730 ° |
| | | | | -120.398500 ° | -120.221320 ° |
| DWR ID | DWR_NA0011_05_s_2012_27 | | | | |
| Action/Comments | | | | | |
| Debris | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 24 |
| LM End | 3.51 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.976993 ° | 36.967408 ° |
| | | | | -120.367548 ° | -120.310312 ° |
| DWR ID | DWR_NA0011_06_s_2012_24 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Remove the unwanted weeds from the levee slope. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_147_24_20141121_00012.jpg



Looking upstream from landside slope 0.00 to 3.51.

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.02 | Rating ** | M | Issue No. | 35 |
| LM End | 1.12 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.976952 ° | 36.967407 ° |
| | | | | -120.366988 ° | -120.352670 ° |
| DWR ID | DWR_NA0011_06_f_ 2014_35 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 40 |
| LM End | 0.08 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.976942 ° | 36.976937 ° |
| | | | | -120.366365 ° | -120.365900 ° |
| DWR ID | DWR_NA0011_06_f_ 2014_40 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.08 | Rating ** | U | Issue No. | 45 |
| LM End | 0.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.976937 ° | 36.970593 ° |
| | | | | -120.365900 ° | -120.354948 ° |
| DWR ID | DWR_NA0011_06_f_2014_45 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove tall weeds from landward levee slope. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_147_45_20141121_00013.jpg



Looking upstream from levee mile 0.08 to 0.87.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.18 | Rating ** | M | Issue No. | 18 |
| LM End | 3.23 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.976901 ° | 36.967383 ° |
| | | | | -120.364174 ° | -120.315330 ° |
| DWR ID | DWR_NA0011_06_s_2012_18 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|---------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.13 | Rating ** | M | Issue No. | 41 |
| LM End | 1.20 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 36.967494 ° | 36.967207 ° |
| | | | | -120.352670 ° | -120.351590 ° |
| DWR ID | DWR_NA0011_06_s_2013_41 | | | | |
| Action/Comments | | | | | |
| Repair slope instability. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.23 | Rating ** | C | Issue No. | 17 |
| LM End | 3.65 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.967167 ° | 36.967376 ° |
| | | | | -120.351039 ° | -120.307719 ° |
| DWR ID | DWR_NA0011_06_s_2012_17 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.73 | Rating ** | M | Issue No. | 13 |
| LM End | 2.82 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967317 ° | 36.967302 ° |
| | | | | -120.324138 ° | -120.322640 ° |
| DWR ID | DWR_NA0011_06_s_2012_13 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: District needs to continue using the bait stations in the areas where rodents are visibly active. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.18 | Rating ** | M | Issue No. | 48 |
| LM End | 4.18 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967465 ° | 36.967465 ° |
| | | | | -120.298415 ° | -120.298415 ° |
| DWR ID | DWR_NA0011_06_f_2014_48 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Huge rodent hole in crown roadway landward.. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_147_48_20141125_00023.jpg



Huge Rodent hole in crown roadway.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.55 | Rating ** | M | Issue No. | 49 |
| LM End | 5.55 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.967532 ° | 36.967492 ° |
| | | | | -120.291800 ° | -120.274003 ° |
| DWR ID | DWR_NA0011_06_f_2014_49 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.67 | Rating ** | M | Issue No. | 38 |
| LM End | 4.67 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967497 ° | 36.967497 ° |
| | | | | -120.289576 ° | -120.289576 ° |
| DWR ID | DWR_NA0011_06_s_2013_38 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.97 | Rating ** | M | Issue No. | 28 |
| LM End | 6.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.967501 ° | 36.967893 ° |
| | | | | -120.284141 ° | -120.256169 ° |
| DWR ID | DWR_NA0011_06_f_2012_28 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.41 | Rating ** | M | Issue No. | 12 |
| LM End | 5.45 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967550 ° | 36.967572 ° |
| | | | | -120.276208 ° | -120.275478 ° |
| DWR ID | DWR_NA0011_06_s_2012_12 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.55 | Rating ** | M | Issue No. | 15 |
| LM End | 6.23 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.967497 ° | 36.967549 ° |
| | | | | -120.273990 ° | -120.261772 ° |
| DWR ID | DWR_NA0011_06_s_2012_15 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.55 | Rating ** | M | Issue No. | 16 |
| LM End | 6.16 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.967504 ° | 36.967485 ° |
| | | | | -120.273877 ° | -120.262972 ° |
| DWR ID | DWR_NA0011_06_s_2012_16 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

| | | | | | |
|--|--|---|--|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side N/A : Not Applicable | | A : Acceptable | | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | | En : Enforcement | |
| | | N : Not Inspected/Rated | | | |
| | | C : Corrected | | | |
| | | A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.55 | Rating ** | M | Issue No. | 29 |
| LM End | 5.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.967484 ° | 36.967484 ° |
| | | | | -120.273854 ° | -120.273854 ° |
| DWR ID | DWR_NA0011_06_f_2012_29 | | | | |
| Action/Comments | | | | | |
| Prunings | | | | | |

No Photos

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.72 | Rating ** | M | Issue No. | 3 |
| LM End | 5.72 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 36.967468 ° | 36.967468 ° |
| | | | | -120.270902 ° | -120.270902 ° |
| DWR ID | DWR_NA0011_06_s_2012_3 | | | | |
| Action/Comments | | | | | |
| Material | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.84 | Rating ** | M | Issue No. | 9 |
| LM End | 5.84 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967538 ° | 36.967538 ° |
| | | | | -120.268660 ° | -120.268660 ° |
| DWR ID | DWR_NA0011_06_s_2012_9 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.00 | Rating ** | M | Issue No. | 8 |
| LM End | 6.20 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967530 ° | 36.967545 ° |
| | | | | -120.265732 ° | -120.262320 ° |
| DWR ID | DWR_NA0011_06_s_2012_8 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.22 | Rating ** | M | Issue No. | 6 |
| LM End | 6.52 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967572 ° | 36.967923 ° |
| | | | | -120.261918 ° | -120.256698 ° |
| DWR ID | DWR_NA0011_06_s_2012_6 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.47 | Rating ** | M | Issue No. | 34 |
| LM End | 6.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967863 ° | 36.967854 ° |
| | | | | -120.257611 ° | -120.256047 ° |
| DWR ID | DWR_NA0011_06_s_2013_34 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.47 | Rating ** | C | Issue No. | 37 |
| LM End | 6.47 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.967886 ° | 36.967886 ° |
| | | | | -120.257587 ° | -120.257586 ° |
| DWR ID | DWR_NA0011_06_s_2014_37 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.60 | Rating ** | U | Issue No. | 50 |
| LM End | 8.71 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.967923 ° | 36.971310 ° |
| | | | | -120.255125 ° | -120.218905 ° |
| DWR ID | DWR_NA0011_06_f_2014_50 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comments: Control the wild growth of brush from the waterward levee slope. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_147_50_20141121_00015.jpg



Looking upstream from levee mile 6.60 to 8.71 unwanted tall brush on the waterward levee slope and shoulder.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.20 | Rating ** | M | Issue No. | 32 |
| LM End | 8.67 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.968775 ° | 36.971275 ° |
| | | | | -120.244655 ° | -120.219746 ° |
| DWR ID | DWR_NA0011_06_f_2012_32 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.25 | Rating ** | C | Issue No. | 36 |
| LM End | 7.25 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 36.968847 ° | 36.968847 ° |
| | | | | -120.243748 ° | -120.243748 ° |
| DWR ID | DWR_NA0011_06_s_2014_36 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.51 | Rating ** | M | Issue No. | 33 |
| LM End | 8.60 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.968855 ° | 36.971633 ° |
| | | | | -120.239147 ° | -120.220920 ° |
| DWR ID | DWR_NA0011_06_f_2012_33 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.73 | Rating ** | U | Issue No. | 10 |
| LM End | 8.85 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 36.969203 ° | 36.971661 ° |
| | | | | -120.235323 ° | -120.216589 ° |
| DWR ID | DWR_NA0011_06_s_2012_10 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |
| Inspector Comments: Keep the crown roadway free of vegetation. | | | | | |

Photo 1 of 1 : FA_2014_NA0011_147_10_20141121_00021.jpg



Looking upstream at wild growth on the crown roadway.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|--------------------|
| Unit No. 06 Fresno River | Left | 9.03 | 11/19/2014 11/19/2014 | Herman Phillips |

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 8.90 | Rating ** | M | Issue No. | 11 |
| LM End | 8.90 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 36.971944 ° | 36.971944 ° |
| | | | | -120.215790 ° | -120.215790 ° |
| DWR ID | DWR_NA0011_06_s_ 2013_11 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|